

Materials Science and Engineering

IOWA STATE UNIVERSITY

College of Engineering



Elements

Record Undergraduate Enrollment for Fall 2014



August 2014

Typically, relatively few new freshmen choose Materials Engineering before the semester begins; most Mat E students come from the pool of undeclared students. For Fall, 2013, only 19 incoming freshmen selected Mat E during summer orientation. Most of the 68 students in last year's freshman class entered the program during their first year of study. For Fall, 2014, however, 51 first-year students selected Mat E during summer orientation. If Mat E attracts as many undeclared students as usual during the coming academic year, this will become the largest Mat E class ever.

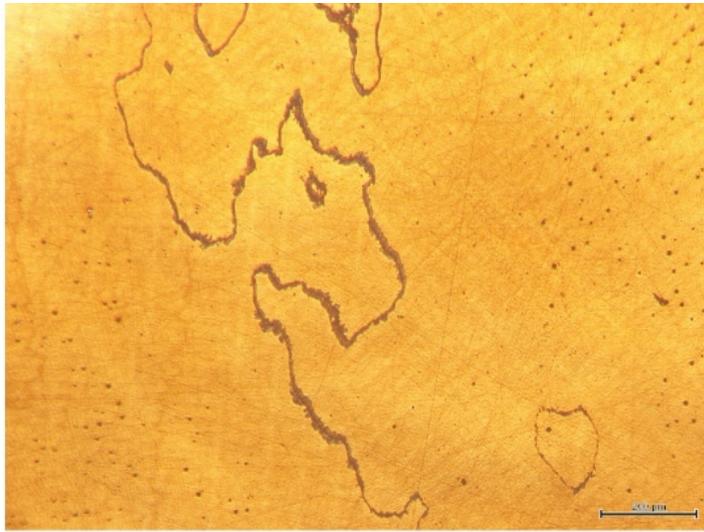
[Read more.](#)

MSE Highlights

Steve Martin and Scott Beckman's research on next-generation lithium sulfur batteries was featured in the July 2014 edition of the Iowa Space Grant Consortium's newsletter, [The Consortium Comet](#).

The ISU Chapter of Keramos was featured in a recent [Keragram Newsletter](#). The feature included updates from the chapter on the organization of more member activities (talks from invited speakers and invitations to blow glass with the ISU Gaffer's Guild among other activities) and efforts to increase awareness for the group.





Left: Cy the mascot
Right: Cy the microstructure

Mat E undergraduates Andrew Meiszberg, Victor Lee, Zhenpei Ding, and Tyler Schluerter (shown in above picture) spotted Cy in the microstructure of a copper-nickel-tin alloy they were investigating as part of their senior design project last spring. Professor Scott Chumbley submitted photos of both the mascot and the microstructure to ASM as a potential human interest piece to include in an upcoming issue of AM&P.



Steve Martin, MSE Distinguished Professor, hosted the 26th Annual Iowa Conference on Glass at ISU on August 1. Attendees included faculty and students from Coe College, Missouri University of Science & Technology, University of Washington, and Creighton as well as industry representatives from Corning Inc.